Teflon™ FEP One Coat Systems

Teflon™ FEP one coat systems are high release, durable, and economical self-priming coatings with flexible cure temperatures.

Product Overview

FEP Teflon™ S (fluorinated etheylene propylene copolymer) one coat systems are an excellent option when looking for a high performing thin film solution. These coating systems are a combination of fluoropolymer with binder resin and are thermally set; they require a cure. This user-friendly coating line offers flexible cure schedules, as low as 320° F up to 650° F, while offering operational temperature ratings in the 300° F - 425° F range. The FEP one coats line is mainly solvent-based, with one powder option available. FDA-conforming options are available.

Features & Benefits

- Solvent and powder-based
- Economical
- Typical dry film thickness (DFT) is 0.5 - 1.5 mils
- Maximum in-use temperature is 300° F/425° F
- Food grade options available
- Flexible cure schedules

Performance & Properties

- Excellent **Nonstick** or release
- Excellent **Durability**
- Good **Chemical Resistance**

Product Codes

Description	Code	Color
Epoxy Liquid	954G-304	Green
Epoxy Liquid	954G-303	Black
Epoxy Powder	532-1003	Black
PAI Liquid	958G-203	Black
PAI Liquid	959G-203	Black
PAI Liquid	959G-204	Green
PAI Liquid	959G-205	Brown

Chemistry

PAI (polyamidimide) binder resin in 203, 204, and 205; Epoxy flouropolymer with binder resin in 304, 303, and 1003

Application Process

Conventional Air or HLVP spray application for the solvent based liquid lines. Temperature range 320° F - 650° F for curing. Single or multiple coats possible. *The exception is 532-1003 which is a powder and requires an electrostatic spray.* See Fact Sheets for application information.

Product Information

- **Availability:** Next day shipping by Intech
- **Ordering:** Online, fax, and phone
- **SDS & Fact Sheets:** Always accessible at www.intechservices.com